

**FIRMWARE UPDATE SYSTEM FOR FACILITATING  
FIRMWARE UPDATE IN MOBILE HANDSET RELATED APPLICATIONS**

**ABSTRACT OF THE DISCLOSURE**

A firmware update system comprising a loader module, an update agent, a secure loader manager, an update package reference, a setting service and a memory manager facilitates the download of update packages and subsequent update of firmware / software in mobile handsets. In one embodiment, the secure loader manager populates the update package reference with the appropriate information and flags, employing the setting service, after the successful download and verification of an update package. In another embodiment, an update driver is employed by the mobile handset to communicate information about a downloaded update package to the update agent for subsequent firmware update.